

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2005/050926

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60K6/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B60K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
X	EP 0 805 059 A (GENERAL MOTORS CORPORATION) 5 November 1997 (1997-11-05) column 3, lines 10-50 figure 1	1-51
X	EP 1 232 892 A (BAE SYSTEMS CONTROLS, INC) 21 August 2002 (2002-08-21) paragraphs '0004!', '0005! paragraphs '0018!', '0019! figures 1-3 -/-	1-21, 25-42, 44-51
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in contact with the application, but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document member of the same patent family		
Date of the actual completion of the international search: 14 July 2005		Date of mailing of the international search report: 17/08/2005
Name and mailing address of the ISA European Patent Office, P.O. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx: 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer: Verdelho, L

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 838 359 A (TOYOTA JIDOSHA KABUSHIKI KAISHA) 29 April 1998 (1998-04-29) column 7, lines 10-60 figures 1,3-5 figures 1-3,28-30	1-8, 10-21, 25-42, 45-51
X	US 5 509 491 A (HALL, III ET AL) 23 April 1996 (1996-04-23) column 2, lines 10-60 figures 4,5	1-8, 10-21, 25-42, 44-51
X	US 5 495 912 A (GRAY, JR. ET AL) 5 March 1996 (1996-03-05) column 3, lines 10-50 figures 3-5	1-7, 22-27

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International Application No.
PCT/EP2005/050926

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0805059	A	05-11-1997	US 5669842 A 23-09-1997
			DE 69702806 D1 21-09-2000
			DE 69702806 T2 07-12-2000
			EP 0805059 A2 05-11-1997
EP 1232892	A	21-08-2002	US 2002109357 A1 15-08-2002
			BR 0200161 A 22-10-2002
			CA 2365053 A1 14-08-2002
			CN 1370696 A 25-09-2002
			EP 1232892 A2 21-09-2002
			JP 2002293147 A 09-10-2002
			TW 519525 B 01-02-2003
EP 0838359	A	29-04-1998	JP 3050125 B2 12-06-2000
			JP 9308012 A 28-11-1997
			DE 69716853 D1 12-12-2002
			DE 69716853 T2 10-07-2003
			EP 1106412 A2 13-06-2001
			EP 0838359 A2 29-04-1998
			KR 254308 B1 01-05-2000
US 5509491	A	23-04-1996	US 6131680 A 17-10-2000
			NONE
US 5495912	A	05-03-1996	AU 681797 B2 04-09-1997
			AU 2662295 A 04-01-1996
			CA 2191447 A1 14-12-1995
			CN 1149856 A ,C 14-05-1997
			DE 69520431 D1 26-04-2001
			DE 69520431 T2 18-10-2001
			EP 0762957 A1 19-03-1997
			JP 3525932 B2 10-05-2004
			JP 10504363 T 28-04-1998
			WO 9533629 A1 14-12-1995